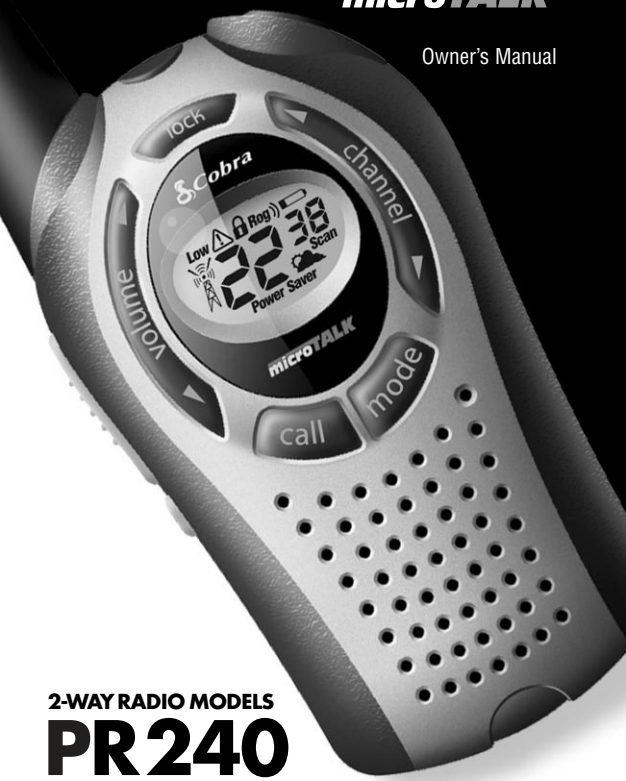
Cobra®

microTALK®

Owner's Manual



2-WAY RADIO MODELS

PR240
PR350WX

Printed in Philippines
Part No. 480-048-P

Nothing Comes Close To A Cobra™

English

Making Life Easier & Safer

Staying in touch with your family and friends is convenient and easy when using your microTALK® radio. Some of the many uses you will discover include:
Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions in another car; talking with neighbors; arranging meeting spots with others while shopping at the mall.

Belt Clip

Wrist Strap

Secure your microTALK® radio while on the go.

Carrying your microTALK® radio with you is easy when using the belt clip or wrist strap.

The belt clip easily attaches to your belt, purse, or backpack. Simply squeeze the clip and place it where you prefer.

Customer Assistance

For Assistance In the U.S.A.

In this user's manual, you should find all the information you need to operate your microTALK® radio. If you require further assistance after reading this manual, Cobra® Electronics offers the following customer assistance services:

Automated Help Desk
English only. 24 hours a day, 7 days a week 773-889-3087 (phone).

Customer Assistance Operators
English and Spanish. 8:00 a.m. to 6:00 p.m. CT,
Monday through Friday (except holidays) 773-889-3087 (phone).

Questions
English and Spanish. Faxes can be received at 773-622-2269 (fax).

Technical Assistance
English only. www.cobra.com (on-line: Frequently Asked Questions).
English and Spanish. productinfo@cobra.com (e-mail).

For Assistance Outside the U.S.A.
Contact Your Local Dealer

©2002 Cobra® Electronics Corporation
6500 West Cortland Street
Chicago, Illinois 60707 USA
www.cobra.com

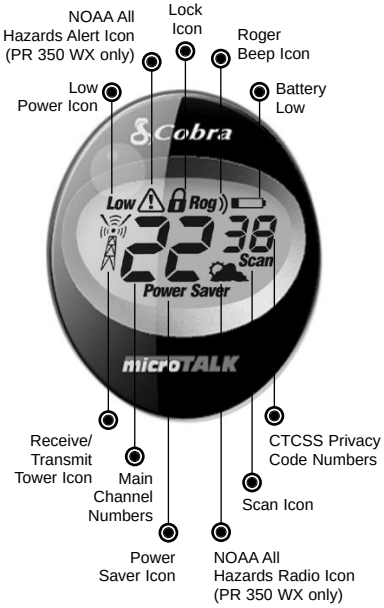
Product Features

Product Features

Features

- **Two-Way Radio** With a range up to five (5) miles (8 km).
- **22 Channels** Seven shared with FRS/GMRS, seven FRS only eight GMRS only.
- **38 Privacy Codes**
- **10 Channel NOAA All Hazards Radio** (PR 350 WX only)
- **NOAA All Hazards Alert** (PR 350 WX only)
- **Backlit LCD Display**
- **Scan** (channel, privacy code)
- **Water Resistant**
- **Speaker/ Microphone Jack**
- **Call Alert** (10 selectable tones)
- **Lock**
- **"Roger Beep"** (selectable On/Off)
- **Battery/ Power Saver**
- **Auto Squelch**
- **Maximum Range Extender**
- **Belt Clip**
- **Wrist Strap**

Backlit LCD Display



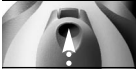
Important FCC Licensing Information

This radio operates on General Mobile Radio Service (GMRS) frequencies which require a Federal Communications Commission (FCC) license. See page 18 for licensing and other related information.

Caring for Your microTALK® Radio

Your microTALK® radio will give you years of trouble-free service if cared for properly. Handle the radio gently. Keep the radio away from dust. Never put the radio in water or in a damp place. Avoid exposure to extreme temperatures.

Remove Belt Clip



Pull Down Lock Latch

Insert Batteries

Batteries

To Install or Replace Batteries:

1. Remove belt clip by releasing belt clip latch and sliding clip up.
2. Pull down on the **Battery Door Latch** to remove the battery compartment cover.
3. Insert four AAA batteries. (Always use high quality alkaline batteries.) Position batteries according to polarity markings.
4. Replace Battery Compartment cover and belt clip.

See information on page 20 for optional battery pack and desktop charger accessories ordering instructions.

The Basics to Get You Started

Your microTALK® radio is easy to use.
To get started, simply:

1. Press the **Power** button to turn On your radio.
2. Press the **Channel Up** or **Channel Down** button to select a channel.

Both radios must be tuned to the same channel to communicate.

3. Press and hold the **Talk** button while speaking into the microphone.
4. When finished talking, release the **Talk** button and listen for a response.

Using Your Radio

On/Off Power

Turning On Your microTALK® Radio

To Turn On Your Radio:

1. Press and hold the **Power** button until you hear a series of audible tones indicating the radio is On.

Your microTALK® radio is now in **Standby Mode**, ready to receive transmissions. The radio is always in **Standby Mode** except when the **Talk**, **Call** or **Mode** buttons are pressed.

Battery Low

Battery Low

When battery power is low, the Battery Low icon will blink. Your batteries should be replaced or recharged, if using rechargeable batteries.

Battery Save Mode

Auto Battery Save

Your microTALK® radio has a unique circuit designed to extend battery life. If there are no transmissions within ten (10) seconds, the radio will automatically switch to **Battery Save Mode** and Power Saver icon will flash in the display. This will not affect the radio's ability to receive incoming transmissions.

Talk Button

2 inches (5 cm) From Mouth

Communicating with Another Person

To Talk To Another Person:

1. Press and hold the **Talk** button.
2. With the microphone about two (2) inches (5 cm) from your mouth, speak in a normal voice.
3. Release the **Talk** button when you are finished talking and listen for a response.

You cannot receive incoming calls while pressing the **Talk** button.

Both radios must be tuned to the same channel to communicate.

Mode Button

Scrolling Through the Mode Function

By scrolling through the Mode function, you will be able to select or turn On preferred features of your microTALK® radio. When scrolling through the Mode function, your radio features will be displayed in the same predetermined order:

PR 240
- Set Privacy Code
- Set Channel Scan
- Set Privacy Code Scan
- Set Call Tones
- Set "Roger Beep" On/Off

PR 350 WX
- Set Privacy Code
- Set NOAA All Hazard Radio Channels
- Set NOAA All Hazard Alert
- Set Channel Scan
- Set Privacy Code Scan
- Set Call Tones
- Set "Roger Beep" On/Off

Channel Button

Channel Number

Channels

To Select a Channel:

1. With the radio On, select any of the 22 channels by pressing the **Channel Up** or **Channel Down** button.

Both radios must be tuned to the same channel to communicate.

Channels 1 through 7 are shared with FRS/GMRS. Channels 8 through 14 are FRS only. Channels 15 through 22 are GMRS only.

See page 17 for FRS/GMRS frequency allocations and compatibility charts.

Using Your Radio

38 Privacy Codes

CTCSS Privacy Codes

CTCSS (Continuous Tone Coded Squelch System) is an advanced tone coding system allowing you to select one of 38 privacy codes to reduce interference from other users on the channel.

If you are using a privacy code, both radios must be tuned to the same channel and privacy code to communicate. Each channel will remember the last privacy code you selected.

Mode Button

To Select a Privacy Code:

1. After selecting a channel, press the **Mode** button until the small numbers next to the channel number flash on the LCD.

Privacy Code

2. Press the **Channel Up** or **Channel Down** button to select a privacy code. You can hold the **Up** or **Down** button for fast advance.
3. When your desired privacy code is displayed:
   a. Press the **Mode** button to enter the new setting and proceed to other functions.
   b. Press the **Lock** button to enter the new setting and return to **Standby Mode**.
   c. Do not press any buttons for 15 seconds to enter the new setting and return to **Standby Mode**.

Channel Button

Listening

Listening for a Response

When You are Finished Talking:

1. Release the **Talk** button to receive incoming transmissions. Your microTALK® radio is always in **Standby Mode** while the **Talk** or **Call** buttons are not pressed.

Volume Button

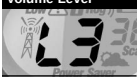
Volume

To Adjust the Volume:

1. Press the **Volume Up** or **Volume Down** button.

A double beep sound is used to indicate the minimum and maximum volume levels (L1 through L7).

Volume Level



Call Button

To Alert Another Person That You Are Calling:

Call Button

1. Press and release the **Call** button.

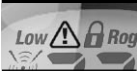
The other person will hear a two (2) second call tone. You cannot send or receive transmissions during the two (2) second call tone.

See page 13 on how to select between ten (10) call tone settings.

NOAA* All Hazards Radio Channels and Alert (PR 350 WX only)

Hazards Radio Icon

Hazards Alert Icon



You can use your microTALK® radio to listen to NOAA All Hazards Radio channels transmitting in your area.

You can also program your microTALK® radio to sound a tone alert when a local NOAA channel activates an Emergency All Hazards Alert. This will warn you of weather, chemical, and other civilian emergencies.

*National Oceanographic and Atmospheric Administration

Using Your Radio

Mode Button

Hazards Radio Icon

Channel Button

To Listen to All Hazards Radio Channels (PR 350 WX only):

1. Press the **Mode** button until the Weather (All Hazards Radio) icon and the currently selected All Hazards Radio channel are displayed.
2. Use the **Channel Up** or **Channel Down** button to change All Hazards Radio channels.
3. Weather (All Hazards Radio) icon will continue to be displayed when All Hazards Radio is On.
   a. Press the **Mode** button to proceed to other functions.
   b. Press the **Lock** button to exit All Hazards Radio channel mode and return to **Standby Mode**.

Mode Button

Hazards Alert Icon

Channel Button

To Turn On All Hazards Alert (PR 350 WX only):

1. Press the **Mode** button until the Alert icon flashes and the current On or Off setting is displayed.
2. Press the **Channel Up** or **Channel Down** button to turn All Hazards Alert On or Off.
3. Alert icon will continue to be displayed when All Hazards Alert is On.
   a. Press the **Mode** button to enter the new setting and proceed to other functions.
   b. Press the **Lock** button or do not press any buttons for 15 seconds to enter the new setting and return to **Standby Mode**.
   c. Press the **Talk** button to keep original settings and return to **Standby Mode**.

Mode Button

Scan Channels

Channel Button

Scan

Your microTALK® radio can automatically scan main channels (1 through 22) or the privacy codes (00 through 38) within one (1) main channel.

To Scan Main Channels:

1. Press the **Mode** button until the Scan icon and the main channel number flashes on the display.
2. Press the **Channel Up** or **Channel Down** button to begin scanning the main channels.

> The radio ignores privacy codes while scanning main channels.

3. The Scan icon will continue to be displayed when Scan is On. Your radio will continue to scan all main channels and stop if an incoming transmission is detected. Your radio will remain on that channel for ten (10) seconds. During this time, you can:
   a. Press and hold the **Talk** button and communicate with others. Your radio will remain on that channel and return to **Standby Mode**.
   b. Press the **Channel Up** or **Channel Down** button to resume scanning channels.
   c. Press the **Mode** button to proceed to privacy code scanning (see page 12 for further details).

If you press the **Talk** button while scanning, and not within ten (10) seconds of receiving a transmission, you will transmit on the last channel you transmitted or received on.

If you do not press any button within ten (10) seconds, your radio will automatically resume scanning main channels.

Product Features

Channel Button

Select Channel

Mode Button

Scan Privacy Codes

To Scan Privacy Codes:

1. While in **Standby Mode**, press the **Channel Up** or **Channel Down** button to choose the main channel you wish to scan.
2. Press the **Mode** button until the Scan icon and the privacy code number flashes on the display.
3. Press the **Channel Up** or **Channel Down** button and your radio will begin scanning privacy codes within the main channel you selected.
4. The Scan icon will continue to be displayed when Scan is On. Your radio will continue to scan privacy codes and stop an incoming transmission is detected. Your radio will remain on that channel and privacy code for ten (10) seconds. During this time, you can:
   a. Press and hold the **Talk** button to communicate with others. Your radio will remain on that channel and privacy code and return to **Standby Mode**.
   b. Press the **Channel Up** or **Channel Down** button to resume scanning privacy codes.
   c. Press the **Mode** button to proceed to other functions.

If you press the **Talk** button while scanning, and not within ten (10) seconds of receiving a transmission, you will transmit on the last channel you transmitted or received on.

If you do not press any button within ten (10) seconds, your radio will automatically resume scanning privacy codes.

Mode Button

10 Call Tone Settings

You can choose between ten (10) different call tone settings to transmit a unique call alert.

To Change a Call Tone Setting:

Call Tone Setting

1. Press the **Mode** button until the letter "C" and the current call tone number (1 through 10) is displayed. The current call tone will sound for one (1) second.
2. Press the **Channel Up** or **Channel Down** button to hear the other call tone settings.
3. a. Press the **Mode** button to enter the new setting and proceed to other functions.
   b. Press the **Lock** button to enter the new setting and return to **Standby Mode**.

Channel Button

Mode Button

"Roger Beep" Confirmation Tone

Your listener will hear an audible tone when you release the **Talk** button. This alerts the other party that you are finished talking and it is **OK** for them to speak. This feature can be turned On or Off.

To Turn "Roger Beep" On or Off:

Roger Beep Off

When turning On your microTALK® radio for the first time, "Roger Beep" will be On.

Channel Button

1. Press the **Mode** button until the Roger Beep icon flashes. The current On or Off setting is displayed.
2. Press the **Channel Up** or **Channel Down** button to select "Roger Beep" On or Off.
3. a. Press the **Mode** button to enter the new setting and proceed to other functions.
   b. Press the **Lock** button to enter the new setting and return to **Standby Mode**.

The setting you select will be saved when you turn your radio Off and On again. When the "Roger Beep" is On, the "Roger Beep" icon will be displayed.

Using Your Radio

Light/Max Range

Display Illumination

To Illuminate Your Display:

1. Press and release the **Light/Max Range** button to illuminate the display for ten (10) seconds.

Auto Squelch/Maximum Range

Your microTALK® radio is equipped with Auto Squelch, which automatically shuts Off weak transmissions and unwanted noise due to terrain, conditions, or if you've reached your maximum range limit.

You can temporarily turn Off Auto Squelch or turn On Maximum Range Extender, allowing all signals to be received and extending the maximum range of your radio.

Light/Max Range

To Temporarily Turn Off Auto Squelch:

1. Press the **Light/Max Range** button less than five (5) seconds.

If you hear two (2) beeps, you have turned the Maximum Range Extender On (see below).

To turn Maximum Range Extender On:

1. Press and hold the **Light/Max Range** button for at least five (5) seconds until you hear two (2) beeps which indicates the Maximum Range Extender is On.

To Turn Maximum Range Extender Off:

1. Press and release the **Light/Max Range** button or change channels.

Lock Button

Lock Icon

Lock Function

The Lock function locks the **Channel**, **Mode**, and **Power** buttons to prevent accidental operation.

To Turn the Lock On or Off:

1. Press and hold the **Lock** button for two (2) seconds.

A double beep sound is used to confirm your Lock On or Off request. When in **Lock Mode**, the Lock icon will be displayed.

Speaker/Microphone

Speaker/Microphone Jack

Your microTALK® radio can be fitted with an external Speaker/Microphone, freeing your hands for other tasks. Contact your local Cobra® dealer or Cobra® directly for optional accessories. Only Cobra® authorized accessories are recommended.

To Attach Your Speaker/Microphone:

1. Open the **Speaker/Microphone** tab on top of your microTALK® radio.
2. Insert the plug into the **Speaker/ Microphone** jack.

Using Your Radio

microTALK® Range

Your microTALK® radio has a range of up to five (5) miles (8 km). Your range will vary depending on terrain and conditions.

In flat, open country your radio will operate at maximum range.

Buildings and foliage in the path of the signal can reduce the range of the radio.

Dense foliage and hilly terrain will further reduce the range of the radio.

On FRS channels 8 through 14, your radio automatically switches to low power, which will limit the range the radio can communicate.

Remember, you can achieve maximum range by using Maximum Range Extender. See page 14 for details.

General Specifications

A. FRS/GMRS Frequency Allocation and Compatibility

Important: Please note that Cobra® GMRS models with 15 channels may designate different channel numbers for the same frequency. For example, a Cobra® 15 channel GMRS model would need to be tuned to channel 11 in order to communicate with a 22 channel GMRS tuned to channel 15. Please refer to the chart below for channel/frequency number compatibility.

A = Channel No. For 22 Channel GMRS Models
B = Channel No. For 15 Channel GMRS Models
C = Type of Radio Service
D = Frequency in MHz
E = Power in Watts

A	B	C	D	E
1	1	FRS/GMRS	462.5625	1.0
2	2	FRS/GMRS	462.5875	1.0
3	3	FRS/GMRS	462.6125	1.0
4	4	FRS/GMRS	462.6375	1.0
5	5	FRS/GMRS	462.6625	1.0
6	6	FRS/GMRS	462.6875	1.0
7	7	FRS/GMRS	462.7125	1.0
8		FRS	467.5625	0.5
9		FRS	467.5875	0.5
10		FRS	467.6125	0.5
11		FRS	467.6375	0.5
12		FRS	467.6625	0.5
13		FRS	467.6875	0.5
14		FRS	467.7125	0.5
15	11	GMRS	462.5500	1.0
16	8	GMRS	462.5750	1.0
17	12	GMRS	462.6000	1.0
18	9	GMRS	462.6250	1.0
19	13	GMRS	462.6500	1.0
20	10	GMRS	462.6750	1.0
21	14	GMRS	462.7000	1.0
22	15	GMRS	462.7250	1.0

B. Receiver

	Unit	Nominal
1. Sensitivity		
For 12 DB SINAD	dBm	-121
For Call Signal Detection	dBm	-121
2. Max. Audio Output @10% THD	mW	200
3. Max. S/N Ratio @ 1mV RF Input	dB	50
4. Squelch		
a) Sensitivity	dBm	-121
b) Attack Time	mS	150
c) Closing Time	mS	200
5. Audio Frequency Response		
@ 300 HZ	dB	-3
@ 2500 HZ	dB	-10
6. Signal Displacement BW	+/-KHZ	5
7. Adjacent Channel Rejection	dB	40
8. Intermodulation Rejection	dB	65
9. Spurious Response Rejection	dB	55

C. Transmitter

	Unit	Nominal
1. Power		
GMRS	W	1
FRS Only	mW	500
2. Carrier Frequency Stability	±Hz	500
3. Modulation Limiting	KHz	2.5
4. Carrier Attack Time	mS	80
5. Audio Frequency Response		
@ 300 HZ	dB	-12
@ 2500 HZ	dB	+6
6. Audio Distortion	%	3
7. Hum Noise	dB	30
8. Transient Frequency Behavior		
a) TX On	mS	30
b) TX Off	mS	5

D. Power Supply

	Unit	Nominal
1. Battery Life (5:5:90 RATIO) With Alkaline Batteries	HR	24
2. Battery Operating Range	V	4.2 - 6.0

IMPORTANT NOTICE: FCC LICENSE REQUIRED

This two-way radio operates on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commission) license. A user must be licensed prior to operating on channels 1 through 7 or 15 through 22, which comprise the GMRS channels of this radio. Serious penalties could result for unlicensed use of GMRS channels, in violation of FCC rules, as stipulated in the Communications Act's Sections 501 and 502 (amended).

Licensed users will be issued a call sign by the FCC, which should be used for station identification when operating this radio. GMRS users should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of their transmission time.

For licensing information and application forms, please call the FCC Hotline at 800-418-FORM. Request form #159 and form #605. Questions regarding the license application should be directed to the FCC at 888-CALL-FCC. Additional information is available on the FCC's website at www.fcc.gov.

Safety Information for microTALK® Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the Talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Important:
FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Cobra® accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

Normal Position:
Hold the transmitter approximately 2 inches from your face and speak in a normal voice, with the antenna pointed up and away.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra® may cause a violation of the technical regulations of part 95 of the FCC Rules, or violation of type acceptance requirements of part 2 of the Rules.

If you have any questions about operation or installing your new Cobra® product, or if you are missing parts… Please call Cobra® first! DO NOT RETURN THIS PRODUCT TO THE STORE! See customer service on page 2.

Product Service Questions

If your product should require factory service, please call Cobra® first before sending your radio. This will ensure the fastest turn-around time on your repair. You may be asked to send your radio to the Cobra® factory. It will be necessary to furnish the following to have the product serviced and returned.

1) For Warranty Repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon of a sales receipt. If you send the original receipt, it cannot be returned; 2) Send the entire product; 3) Enclose a description of what is happening with the radio. Include a typed or clearly printed name and address of where the radio is to be returned; 4) Pack radio securely to prevent damage in transit. If possible, use the original packing material; 5) Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail to avoid loss in transit to **Cobra® Factory Service**, Cobra® Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 USA; 6) If the radio is in warranty, upon receipt of your radio it will either be repaired or exchanged depending on the model. Please allow approximately 3 – 4 weeks before contacting Cobra® for status. If the radio is out of warranty, a letter will automatically be sent informing you of the repair charge or replacement charge. **If you have any questions, please call 773-889-3087 for assistance.**

Warranty

Limited 1-Year Warranty **For Products Purchased in the U.S.A.**

Cobra® Electronics Corporation warrants that its Cobra® GMRS Radios, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A. Cobra® will, without charge, repair or replace, at its option, defective GMRS radios, products or component parts upon delivery to the Cobra® Factory Service department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt. You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra®'s expense, if the product is repaired or replaced under warranty. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Exclusions: This limited warranty does not apply: 1) To any product damaged by accident; 2) In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) If the serial number has been altered, defaced, or removed; 4) If the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra® shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

For products purchased outside the U.S.A., please contact your local dealer for warranty information.

Accessories & Order Form

Name

Address (No P.O. Boxes)

City State/Province Zip Country

Telephone

Credit Card Number Type: ❒ Visa ❒ Mastercard ❒ Discover Exp. Date

Customer Signature

Item #	U.S. Cost Each	Qty	Amount
		U.S. Subtotal	
		(Tax if Applicable)	
		Shipping/Handling	
		Total	

Amount	Shipping/Handling*
$10.00 or less	$3.00
$10.01-$25.00	$5.50
$25.01-$50.00	$7.50
$50.01-$90.00	$10.50
$90.01-$130.00	$13.50
$130.01-$200.00	$16.50
$200.01 plus	10% of purchase

Tax Table

Ohio, Wisconsin add 5%
Indiana, Michigan add 6%
Illinois add 8.75%

*For AK, HI and PR add additional $26.95 for FedEx Next Day or $10.95 for FedEx 2nd Day. Excludes weekends and holidays shipments. Please allow 2-3 weeks for delivery in the U.S. Prices subject to change without notice.

The Cobra® line of quality products includes:

CB Radios
microTALK® Radios
Radar/Laser Detectors
Safety Alert® Traffic Warning Systems
Accessories
GPS (Global Positioning System)
HighGear™ Accessories

Optional Accessories

You can find accessories at your local Cobra® dealer, or in the U.S.A. you can order directly from Cobra®.

Ordering From U.S.

Call 773-889-3087 for pricing or visit www.cobra.com.

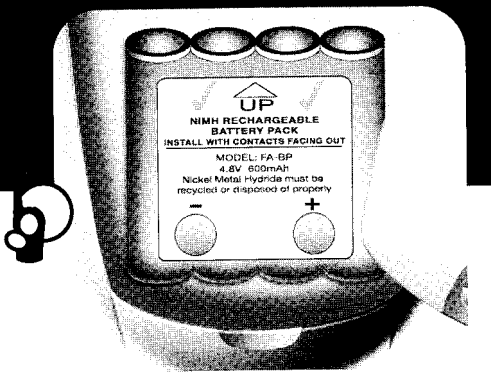
For credit card orders, complete and return this order form to fax number 773-622-2269. Or call 773-889-3087 (Press 1 from the main menu) 8:00 a.m. to 6:00 p.m. CT, Monday through Friday.

Make check or money order payable to:
Cobra® Electronics, Attn: Accessories Dept.
6500 West Cortland Street, Chicago, IL 60707 USA

To order online, please visit our website: www.cobra.com

Cobra

microTALK



FA-BP

BATTERY PACK INSTRUCTIONS
INSTRUCTIONS POUR LE BLOC-PILES
INSTRUCCIONES DEL PAQUETE DE BATERÍAS

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Battery Pack

Battery Pack In Radio

Battery In Charger

Nickel Metal Hydride (NiMH) Battery Pack

To Insert In Radio:

1. Remove battery cover (in back of radio).
2. Insert NiMH battery pack as shown.

To Charge:

1. Place battery pack upright into charger (model GA-CM, FA-CK, GA-CR or GA-CT), with metal contacts facing rear of charger stand.

Estimated Operation Time On Full Charge: 15 Hours

This rechargeable battery must be recycled or disposed of properly in compliance with all applicable laws. It may not be thrown in the trash. Certain states or municipalities require recycling and have established collection programs. Please contact your local waste removal authority for instructions, or return to Cobra® for recycling. Wrap batteries carefully and mail postage prepaid to: Cobra Electronics Corporation, 6500 West Cortland Street, Chicago, IL 60707 USA, Attn: Battery Recycling.

Do not put batteries into fire or expose to high heat. They may explode.

Customer Assistance

For Assistance In the U.S.A. or Canada

Customer Assistance Operators
English and Spanish. 8:00 a.m. to 6:00 p.m. CT,
Monday through Friday (except holidays) 773-889-3087 (phone).

Questions
English and Spanish. Faxes can be received at 773-622-2269 (fax).

Technical Assistance
English only. www.cobra.com (on-line: Frequently Asked Questions).
English and Spanish. productinfo@cobra.com (e-mail).

For Assistance Outside the U.S.A., Canada or in French
Contact Your Local Dealer

Warranty

90-Day Warranty For Products Purchased in the U.S.A. and Canada.

Cobra

microTALK

GA-CM

DESKTOP CHARGER INSTRUCTIONS

INSTRUCTIONS POUR LE CHARGEUR DE BUREAU

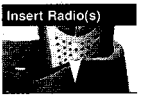
INSTRUCCIONES DEL CARGADOR DE ESCRITORIO

©2002 Cobra Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 USA. www.cobra.com

Desktop Charger

Remove Guides

Insert Radio(s)



Insert Battery Pack

GA-CM Desktop Charger

For Charging Cobra®'s microTALK® Radio(s):

1. Temporarily remove the plastic battery pack guides from the desktop charger.
2. Insert radio(s).
3. Insert round connector of 120 volt adapter into jack on back of charger.
4. Plug 120 volt adapter into electrical outlet.

If charging light is not On, check position of radio. Radio should be upright.

For Charging Batteries:

1. With the plastic battery pack guides in place, place battery pack inside cavity so contacts are touching the back wall inside the cavity.
2. Insert round connector of 120 volt adapter into jack on back of charger.
3. Plug 120 volt adapter into electrical outlet.

If charging light is not On, check position of the battery pack. If you put your battery packs in the wrong way, the **Charge** light will not turn On.

The **Charge** indicators light will stay On as long as the radio or battery pack is in the charging well, even after the battery packs are fully charged.

It normally takes about 15 hours to fully recharge battery packs. Battery packs will not be damaged if they stay in the charging well longer than that. Not all radio models include charge contacts in the battery door.

Each port can charge one (1) radio or one (1) NiMH battery pack model FA-BP. Uses 120 volt adapter. Use only Cobra® Nickel Metal Hydride Battery Pack (NiMH), model FA-BP with charger model GA-CM.

Cobra® recommends your radio is **Turned Off** while being charged.

Customer Assistance

For Assistance In the U.S.A. or Canada

Customer Assistance Operators

English and Spanish. 8:00 a.m. to 6:00 p.m. CT, Monday through Friday (except holidays) 773-889-3087 (phone).

Questions

English and Spanish. Faxes can be received at 773-622-2269 (fax).

Technical Assistance

English only. www.cobra.com (on-line: Frequently Asked Questions).
English and Spanish. productinfo@cobra.com (e-mail).

For Assistance Outside the U.S.A., Canada or in French

Contact Your Local Dealer

Warranty

Limited 1-Year Warranty For Products Purchased in the U.S.A.

Cobra® Electronics Corporation warrants that its COBRA® GA-CM Battery Charger, and the component parts thereof, will be free of defects in workmanship and materials for period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A. COBRA® will, without charge, repair or replace, at its option, defective GA-CM battery chargers, products or component parts upon delivery to the COBRA® Factory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt. You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra®'s expense, if the product is repaired or replaced under warranty.

Exclusions: This limited warranty does not apply: 1) to any product damaged by accident; 2) in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) if the serial number has been altered, defaced or removed; 4) if the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. COBRA® shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

Limited 1-Year Warranty For Products Purchased in Canada

Your new Cobra® GA-CM battery charger, and the component parts thereof, is covered by a one (1) year replacement warranty. If any manufacturing defect becomes apparent in this product within one year from the original date of purchase, it will be replaced. Please return the GA-CM battery charger to your dealer with original or copy of dated proof of purchase. This warranty does not cover damages due to careless handling, negligence, accident, abuse or failure to follow operating instructions. Alteration of this product or defacing of the serial number cancels all obligations of this warranty. This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas.

If you have any questions about installing or operating your GA-CM battery charger, or if you are missing any parts, please contact Cobra® first. Do not return this product to the store. For out of warranty service, ship this product prepaid to: AVS Technologies Inc., 2100 TransCanada Hwy S., Montreal, Quebec H9P 2N4. We reserve the right to repair or replace the unit with an equivalent product. Please include the following information: date of purchase, model number, dealer purchased from, dealer address, dealer phone number.

For Products Purchased Outside the U.S.A. and Canada

Please contact your local dealer for warranty information.

Garantie

Garantie limitée d'un an pour les produits achetés aux États-Unis

Cobra® Electronics Corporation garantit que les chargeurs GA-CM ainsi que les pièces qui les composent seront exempts de défauts de matériel ou de fabrication pendant la période d'un (1) an qui suit la date de la première vente au détail. Cette garantie s'applique au premier acheteur au détail, sous réserve que le produit soit utilisé aux États-Unis. Cobra® réparera ou remplacera, à sa discrétion, les chargeurs GA-CM, produits ou composants défectueux, sans frais, sur livraison accompagnée d'une preuve datée du premier achat au détail (par ex. une copie du coupon de caisse) au service de réparation de l'usine Cobra®.

Le client doit payer l'envoi initial du produit couvert par la garantie, mais les frais de retour sont à la charge de Cobra®, si le produit est réparé ou remplacé en vertu de la garantie.

Exclusions : Cette garantie limitée ne s'applique pas : 1) à tout produit endommagé par accident; 2) en cas de mésusage ou d'abus ou par suite d'une modification ou d'une réparation non autorisée; 3) si le numéro de série a été modifié, mutilé ou enlevé; 4) si le propriétaire du produit réside à l'extérieur des États-Unis.

La durée de toutes les garanties implicites, y compris les garanties de qualité marchande et d'adaptation à un usage particulier, se limite à la durée de la présente garantie. Cobra® n'est pas responsable des dommages indirects, accessoires ou autres, y compris sans s'y restreindre les dommages attribuables à la perte de jouissance ou au coût d'installation. Certains États n'autorisent pas la limitation de la durée de la garantie implicite et/ou ne permettent pas l'exclusion ou la limitation des dommages indirects ou accessoires; par conséquent, il se peut que les limitations ci-dessus ne s'appliquent pas dans votre cas.

For Products Purchased in Canada

See warranty information on next page.

Part No. 94000050

Cobra
microTALK

GA-EBM 2

EARBUD MICROPHONE INSTRUCTIONS
INSTRUCTIONS POUR LE MICROPHONE BOUTON
INSTRUÇCIONES DE LOS AUDÍFONOS DE BOTÓN CON MICRÓFONO

Earbud Microphone

To Use Your Earbud Microphone:

1. Plug earbud microphone into radio.
2. Place earbud in ear.
3. Clip microphone onto clothing 3" to 6" from your mouth.
4. Push to talk.

Microphone à bouton d'oreille

Pour utiliser votre microphone bouton :

1. Brancher le microphone à bouton d'oreille dans le poste de radio.
2. Placer le microphone à bouton dans l'oreille.
3. Accrocher le microphone à bouton d'oreille sur votre vêtement de 7,5 à 15 cm de la bouche.
4. Appuyer pour parler.

Auricular miniatura con micrófono

Para usar los audífonos de botón con micrófono:

1. Conecte el auricular miniatura con micrófono al radio.
2. Coloque el auricular miniatura con micrófono en la oreja.
3. Sujete el auricular miniatura con micrófono a la ropa, a unos 7,5 a 15 cm de la boca.
4. Oprima el botón para hablar.

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Customer Assistance and Warranty

For Assistance In the U.S.A. or Canada

Customer Assistance Operators
English and Spanish. 8:00 a.m. to 6:00 p.m. CT,
Monday through Friday (except holidays) 773-889-3087 (phone).

Questions
English and Spanish. Faxes can be received at 773-622-2269 (fax).

Technical Assistance
English only. www.cobra.com (on-line: Frequently Asked Questions).
English and Spanish. productinfo@cobra.com (e-mail).

For Assistance Outside the U.S.A., Canada or in French
Contact Your Local Dealer

90-Day Warranty For products purchased in the U.S.A. and Canada.

Service á la clientéle and garantie

Pour obtenir de l'aide au Canada et aux États-Unis

Préposés à l'aide à la clientèle
En anglais et en espagnol. Entre 8 h et 18 h, HNC,
du lundi au vendredi (sauf les jours fériés) - 773-889-3087 (téléphone).

Questions par télécopieur
En anglais et en espagnol. Envoyez votre télécopie au 773-622-2269.

Assistance technique
En anglais seulement. www.cobra.com - service en ligne : « Frequently Asked Questions » (Foire aux questions). En anglais et en espagnol. productinfo@cobra.com (courriel).

Pour obtenir de l'aide hors des États-Unis ou au Canada (en français)
Communiquez avec votre détaillant.

Garantie de 90 jours aux États-Unis et au Canada.

Ayuda a clientes y garantía

Para obtener ayuda en Estados Unidos o Canadá

Operadores de ayuda al cliente
Inglés y español. Disponibles de 8:00 a.m. a 6:00 p.m., hora del centro de EE.UU.,
de lunes a viernes (excepto días festivos), llamando por teléfono al 773-889-3087.

Preguntas
Inglés y español. Puede enviar sus preguntas por fax al 773-622-2269.

Ayuda técnica
Únicamente inglés. www.cobra.com (en internet: preguntas más frecuentes).
Inglés y español. Corre electrónico: productinfo@cobra.com.

Para obtener ayuda en francés o fuera de Estados Unidos y Canadá
Comuníquese con un distribuidor de productos Cobra® de su localidad.

Garantía de 90 días en las ventas realizadas en Estados Unidos y Canadá.

Part No. 94000053

Cobra

IMPORTANT! Please fill out and return within the next 10 days.
Thank you for purchasing this Cobra product. Please fill out this form and return it promptly so that we may register your purchase.
Send this card by mail or register via the Internet at http://www.prodregister.com/cobra

KAF01-01
MicroTALK 2-Way Radio(s)

1. 1. ☐ Mr. 2. ☐ Mrs. 3. ☐ Ms. 4. ☐ Miss
First Name Initial Last Name

Street Apt. No.

City State ZIP Code

E-mail Address

2. Your date of birth: / /
Month Year

3. Marital status: 1. ☐ Married 2. ☐ Single

4. Date of purchase:
/ /
Month Day Year

5. Model number:

6. Serial number:

7. Color:

8. Price paid (excluding sales tax): $ .00

9. What other COBRA products, if any, have you previously owned? (check all that apply)
1. ☐ Cordless Telephone
2. ☐ MicroTALK 2-Way Radio(s)
3. ☐ Answering System
4. ☐ CB Radio
5. ☐ Radar Detector
6. ☐ Scanner
7. ☐ Vehicle Security
8. ☐ None

10. Where was this COBRA product purchased?
01. ☐ Received as a Gift
02. ☐ Department Store
03. ☐ General Merchandiser (Sears, JCPenney, etc.)
04. ☐ Discount Store (Kmart, Wal-Mart, etc.)
05. ☐ Catalog Showroom
06. ☐ Drug Store
07. ☐ TV Shopping
08. ☐ Office Equipment Store
09. ☐ Electronics Store
10. ☐ Appliance/TV Store
11. ☐ Hardware/ Home Center
12. ☐ Mail Order
13. ☐ Phone Store (AT&T, GTE, etc.)
14. ☐ Other

11. Name of store where purchased:

12. Please record the Gender and Age of the person, including yourself, who A) had the most influence in choosing the particular brand, B) actually made the purchase, and C) uses the product most often.
A) Most Influence in Choosing Brand
1. ☐ Male 2. ☐ Female Age: yrs.
B) Actually Made Purchase
1. ☐ Male 2. ☐ Female Age: yrs.
C) Uses Product Most Often
1. ☐ Male 2. ☐ Female Age: yrs.

13. Which of these uses do you expect for your 2-way radio? (check all that apply)
01. ☐ Fishing
02. ☐ Hunting
03. ☐ Camping
04. ☐ Skiing
05. ☐ Hiking
06. ☐ Bicycling
07. ☐ Around the neighborhood
08. ☐ Amusement Parks
09. ☐ Car-to-car
10. ☐ Shopping Malls
11. ☐ Work site
12. ☐ Warehouse
13. ☐ Boating
14. ☐ Other

14. How did you FIRST become aware of this COBRA product? (check only 1)
01. ☐ Received as a Gift
02. ☐ TV Ad
03. ☐ Radio Ad
04. ☐ Newspaper Ad
05. ☐ Magazine Ad
06. ☐ Magazine Article/ Review
07. ☐ Product Brochure
08. ☐ Internet
09. ☐ Store Display
10. ☐ Store Demo
11. ☐ Friend/Relative
12. ☐ Salesperson/Dealer
13. ☐ Direct Mail
14. ☐ Newspaper Insert
15. ☐ Other

15. What factors MOST influenced this purchase? (check up to 3)
01. ☐ Received as a Gift
02. ☐ Only Brand Available
03. ☐ Brand Reputation
04. ☐ Designed in the USA
05. ☐ Previous Brand Experience
06. ☐ Price
07. ☐ Product Features
08. ☐ Size
09. ☐ Color
10. ☐ Salesperson's Recommendation
11. ☐ Friend's/Relative's Recommendation
12. ☐ Service Availability
13. ☐ Warranty
14. ☐ Other

16. What features MOST influenced this purchase? (check up to 3)
01. ☐ Quality Construction/ Durability
02. ☐ Style/Appearance
03. ☐ Range/Distance Capability
04. ☐ Ease of Operation
05. ☐ Incoming Call Ring Alert
06. ☐ Clear Sound
07. ☐ Incoming Call Silent Vibrate Alert
08. ☐ Retractable Antenna
09. ☐ Portability
10. ☐ Talk Confirmation Tone
11. ☐ Number of Channels
12. ☐ 38 Sub-channels per Channel
13. ☐ Water Resistance
14. ☐ Private Call Voice Scrambling
15. ☐ LCD Display Screen
16. ☐ Color
17. ☐ Other

17. Who do you expect will use these 2-way radios? (check all that apply)
1. ☐ Self
2. ☐ Spouse
3. ☐ Children
4. ☐ Friends
5. ☐ Employees

18. *Not including yourself*, what is the GENDER and AGE (in years) of children and other adults living in your household?
1. ☐ No one else in household 2. ☐ Child under 1 year

Male	Female	Age	Male	Female	Age
1. ☐	2. ☐	yrs.	1. ☐	2. ☐	yrs.
1. ☐	2. ☐	yrs.	1. ☐	2. ☐	yrs.

19. Occupation: (check all that apply)

	You	Spouse
Professional/Technical	☐	1. ☐
Upper Management/Executive	☐	2. ☐
Middle Management	☐	3. ☐
Sales/Marketing	☐	4. ☐
Clerical/Service Worker	☐	5. ☐
Tradesman/Machine Operator/Laborer	☐	6. ☐

20. Are you or your spouse:

	You	Spouse
A Homemaker?	☐	1. ☐
Retired?	☐	2. ☐
A Student?	☐	3. ☐
Self Employed/Business Owner?	☐	4. ☐
Working from a Home Office?	☐	5. ☐
In the Military?	☐	6. ☐
A Federal Employee?	☐	7. ☐

21. Which group describes your annual family income?
01. ☐ Under $15,000
02. ☐ $15,000-$19,999
03. ☐ $20,000-$29,999
04. ☐ $30,000-$39,999
05. ☐ $40,000-$49,999
06. ☐ $50,000-$59,999
07. ☐ $60,000-$74,999
08. ☐ $75,000-$99,999
09. ☐ $100,000-$124,999
10. ☐ $125,000-$149,999
11. ☐ $150,000-$174,999
12. ☐ $175,000-$199,999
13. ☐ $200,000-$249,999
14. ☐ $250,000 & over

22. Level of education: (check highest level completed)
1. ☐ Completed High School
2. ☐ Completed College
3. ☐ Completed Graduate School

23. Which credit cards do you use regularly?
1. ☐ American Express, Diners Club
2. ☐ MasterCard, Visa, Discover
3. ☐ Department Store, Oil Company, etc.
4. ☐ Do not use credit cards

24. For your primary residence, do you:
1. ☐ Own? 2. ☐ Rent?

25. Which of the following do you plan to do within the next 6 or 12 months?

	1-6 Months	7-12 Months
Get Married	☐	1. ☐
Have a Baby	☐	2. ☐
Buy a House	☐	3. ☐
Remodel a Home	☐	4. ☐
Move to a New Residence	☐	5. ☐
Buy a Personal Computer	☐	6. ☐
Buy/Lease a New Vehicle	☐	7. ☐
Buy/Lease a Used Vehicle	☐	8. ☐

26. Please check all that apply to your household.
01. ☐ Shop by Catalog/Mail
02. ☐ Member of Frequent Flyer Program
03. ☐ Donate to Charitable Causes
04. ☐ Own a Compact Disc Player
05. ☐ Have a Dog
06. ☐ Have a Cat
07. ☐ Own a Cellular Phone
08. ☐ Subscribe to an Online/Internet Service
09. ☐ Own an IBM or Compatible Computer
10. ☐ Own an Apple/Macintosh Computer
11. ☐ Own a CD-ROM

PLEASE CONTINUE ON BACK ➤ ➤ ➤

Please fold here.

27. To help us understand our customers' lifestyles, please indicate the interests and activities in which *you* or *your spouse* enjoy participating on a *regular* basis.

01. ☐ Bicycling
02. ☐ Golf
03. ☐ Physical Fitness/Exercise
04. ☐ Running/Jogging
05. ☐ Snow Skiing
06. ☐ Tennis
07. ☐ Camping/Hiking
08. ☐ Fishing
09. ☐ Hunting/Shooting
10. ☐ Horseback Riding
11. ☐ Powerboating
12. ☐ Sailing
13. ☐ Grandchildren
14. ☐ Needlework/Knitting/Sewing
15. ☐ Flower Gardening
16. ☐ Vegetable Gardening
17. ☐ Crafts
18. ☐ Buy Prerecorded Videos
19. ☐ Automotive Work
20. ☐ Electronics
21. ☐ Home Workshop/Do-It-Yourself
22. ☐ Recreation Vehicles
23. ☐ Listen to Records/Tapes/CDs
24. ☐ Surf the Internet
25. ☐ Avid Book Reading
26. ☐ Bible/Devotional Reading
27. ☐ Health/Natural Foods
28. ☐ Photography
29. ☐ Attending Cultural/Arts Events
30. ☐ Fashion Clothing
31. ☐ Fine Art/Antiques
32. ☐ Foreign Travel
33. ☐ Cruise Ship Vacations
34. ☐ Travel in USA
35. ☐ Gourmet Cooking/Fine Foods
36. ☐ Wines
37. ☐ Coin/Stamp Collecting
38. ☐ Collectibles/Collections
39. ☐ Our Nation's Heritage
40. ☐ Real Estate Investments
41. ☐ Stocks/Bonds/Mutual Funds
42. ☐ Entering Sweepstakes
43. ☐ Casino Gambling
44. ☐ Science Fiction
45. ☐ Wildlife/Environmental Issues
46. ☐ Dieting/Weight Control
47. ☐ Science/New Technology
48. ☐ Self-Improvement
49. ☐ Walking for Health
50. ☐ Watching Sports on TV
51. ☐ Home Video Recording
52. ☐ Moneymaking Opportunities

28. Using the numbers in the above list, please indicate your 3 most important activities:

Thanks for taking the time to fill out this questionnaire. Your answers will be used for market research studies and reports. They will also allow you to receive important mailings and special offers from a number of fine companies whose products and services relate directly to the specific interests, hobbies, and other information indicated above. Through this selective program, you will be able to obtain more information about activities in which you are involved and less about those in which you are not. Please check here if, for some reason, you would prefer *not* to participate in this opportunity. ☐

Please check here if you do not want to receive mailings and offers using your E-mail address. ☐

If you have comments or suggestions about our product, please write to:

Marketing Department • Cobra Electronics Corporation • 6500 W. Cortland Street • Chicago, IL 60707

For Frequently Asked Questions (FAQ): www.cobraelec.com or E-mail to: productinfo@cobraelec.com

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Please seal with tape. Do not staple.

Part No 94000047

Please send products and other correspondence to:

Marketing Department
Cobra Electronics Corporation
6500 W. Cortland Street
Chicago, IL 60707

First-Class Postage Required
Post Office will not deliver without proper postage.

K A F 0 1 - 0 1

Cobra®

PO BOX 173278
DENVER CO 80217-3278

Send this card by mail or register via the Internet at http://www.prodregister.com/cobra

By returning this card, we can confirm the date of purchase for your product. This confirmation is of benefit to you, especially if your original proof of purchase is lost.

In the event of theft or loss, your registration will serve as your Proof of Purchase.

Registering your product will allow us to contact you with information and offers that you are qualified for.

PRODUCT REGISTRATION

Some Important Reasons For Registering Your Product:

Purchase Confirmation...

Confirmation of Ownership...

Model Registration...